



Advanced Botanical Consulting & Testing, Inc.

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CGESPLAN

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ATTN: Diego Fierro
PO#:

Client Sample ID: Guayusa Leaf Tea
Item#: LOTE 235 (22/08/2016)
Lot#: IK001
Lab Number: 188898

Received Date: 01/24/2017

Report Date: 02/01/2017

Analyses

Results

Total Saponins (UV-Vis)	14.10 %
ORAC value-total (FL)	1275.66 μ mol TE/g
ORAC - hydro (FL)	1110.43 μ mol TE/g
ORAC - lipo (FL)	165.23 μ mol TE/g

Method: AUV305A, J of Agric Food Chemistry, 2001; 49(10); 4619-4626, & J of Agric. Food Chem., 2003, 51 (11), 3273-3279

* The ORAC analysis provides a measure of the scavenging capacity of antioxidants against peroxy radical, one of the most common reactive oxygen species found in the body. ORAC_{hydro} reflects water-soluble antioxidant capacity. ORAC_{lipo} reflects fat-soluble antioxidant capacity. Trolox, a water-soluble Vitamin E analog, is used as the calibration standard and the ORAC result is expressed as micro mole Trolox equivalent (TE) per gram.

Analyzed by:

Chemist

Approved by:

Wendi Wang, PhD, President